

determining a subset of the plurality of remote units, wherein the subset is determined based on an energy of an uplink transmission of each remote from the plurality of remote units;

A1 combining uplink transmissions of the plurality of uplink transmissions that are associated with the subset to produce a combined signal; and

transmitting the combined signal to a base station to be broadcast via a downlink communication signal to the plurality of remote units.

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6. (Once Amended) A method for transmission within a wireless communication system, the method comprising the steps of:

receiving a first plurality of uplink voice transmissions from a plurality of remote units;

A2 determining a second plurality of uplink voice transmissions from the first plurality of uplink voice transmissions, wherein the second plurality of uplink voice transmissions are associated with a subset of the plurality of remote units and are determined based on an energy of their transmission;

combining the second plurality of uplink voice transmissions; and

transmitting the combined uplink voice transmissions to a base station to be broadcast via a downlink voice channel to the plurality of remote units.

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9. (Once Amended) An apparatus comprising:

A3 a logic unit having a first plurality of uplink transmissions from a plurality of remote units as an input and outputting a second plurality of uplink transmissions taken from the first plurality of uplink transmissions, wherein the second plurality of uplink transmissions are associated with a subset of the plurality of remote units and are determined based on an energy of each uplink transmission of the first plurality of uplink transmissions; and

a transcoder having the second plurality of uplink transmissions as an input and outputting a signal equivalent to the combination of the second plurality of uplink transmissions.

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